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1  Program g_4;
2  {
    Задача. Построить оси координат.
           Начало координат поместить в центр экрана.

    Решение. Сергей Игнатов,
            96, школа 27,
            21.04.07, 19:03
    }

9  Uses
10  Graph,
11  Crt;

12  Var
13  d, { драйвер }
14  i,
15  flag,
16  x1,
17  y1,
18  x2,
19  y2,
20  m { режим }
21  : Integer;

22  stroka
23  : String;

24  Begin
25  ClrScr;

26  d := Detect;

27  InitGraph (d, m, 'D:\BP\BGI');
28  Line (0, 240, 639, 240);
29  Line (320, 0, 320, 479);
30  Line (320, 0, 315, 10);
31  Line (320, 0, 325, 10);
32  Line (639, 240, 629, 235);
33  Line (639, 240, 629, 245);
34  OutTextXY (630, 225, 'X');
35  OutTextXY (330, 0, 'Y');
36  x1 := 20;
37  x2 := 20;
38  y1 := 235;
39  y2 := 245;
40  for i := -15 to -10 do
41  begin
42  Line (x1, y1, x2, y2);
43  Str (i, stroka);

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44         OutTextXY (x1 - 14, y1 + 14, stroka);
45         x1 := x1 + 20;
46         x2 := x2 + 20;
47     end;

48     for i := -9 to 0 do
49         begin
50             Line (x1, y1, x2, y2);
51             Str (i, stroka);
52             OutTextXY (x1 - 10, y1 + 14, stroka);
53             x1 := x1 + 20;
54             x2 := x2 + 20;
55         end;

56     for i := 1 to 9 do
57         begin
58             Line (x1, y1, x2, y2);
59             Str (i, stroka);
60             OutTextXY (x1 - 3, y1 + 14, stroka);
61             x1 := x1 + 20;
62             x2 := x2 + 20;
63         end;

64     for i := 10 to 15 do
65         begin
66             Line (x1, y1, x2, y2);
67             Str (i, stroka);
68             OutTextXY (x1 - 6, y1 + 14, stroka);
69             x1 := x1 + 20;
70             x2 := x2 + 20;
71         end;

72     x1 := 315;
73     x2 := 325;
74     y1 := 460;
75     y2 := 460;
76     for i := -10 to 10 do
77         begin
78             flag := 0;
79             if i = 0
80                 then
81                     flag := 1;
82                     Line (x1, y1, x2, y2);
83                     if flag = 0
84                         then
85                             begin
86                                 Str (i, stroka);
87                                 OutTextXY (x1 - 15, y1 - 3, stroka);
88                             end;
89             y1 := y1 - 22;
90             y2 := y2 - 22;

```

```
91         end;  
92         ReadLn;  
93         ClearDevice;  
94         End.
```

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